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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Filing Date First Named Inventor Hsing-Wen Art Unit **Examiner Name**

(Use as many sheets as necessary)

Attorney Docket Number S4T- 134

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-4,806,595	2-21-89	Noishiki et al.	all
		US. 5,037,664	3-6-91	Kyogoku etal.	911
		US- 5,085,629	2-4-92	Goldberg et al.	all
		US- 5,270,446	12-14-93	Kyogoku etal.	_all
		US- 5,322,935	6-21-94	Smith	all
		US- 5,464,450	11-7-95	Buscemi etal.	911
,		5.516,781	5-14-96	Morris et al.	lau.
sag yari sahi, gir sagai yaring mengaing sak ya.		5,733,327	3-31-98	Igaki et al.	all
			7-14-98	Khaw et al.	col. 1-22
		US- 5,929,038 US- (7-27-99	chang	all
		US- 6,045,568	4-4-00	Igaki etal	911
		US- 6,0 80,177 US-	6-27-00	Igaki et al.	all
***************************************		US- 6,103,255	8-15-00	Levene et al.	911
		US- 6,160,084 US- 6,162,826	12-12-00	Langer et al.	all
		US- 6,200,335	3-13-01	Moon etal.	all
		US- 6,206,431	3-13-01	Tgaki Cock etal.	all
		US- 6,262,083	7-17-01	Moon otal.	Lau

	FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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		US-6,264,992	7-24-01	Voytik-Harbin et al	. all
		US-6,388, 043	5-14-02	Langer et al-	911
		6, 395, 300	5-28-02	Straub et al.	all
		6.4 23,682	7-23-02	Ballinger et al.	01.1-4
		US- 6,436, 703	8-20-02	•	col 1-6
		US- 6,451,764	9-17-02	Tang et al.	col. 1-6
······································		US- 6475, 784	11-5-02	Papkoff	col-1-4
		6,476,211	11-5-02	Ford et al.	col- 1-8
		6.485.920	11-26-02	Ballinger etal.	cal 1-6
		US- 6,544,544 US-	4-8-03	Hunter etal.	claims
		US- 6,608,040	8-19-03	Lin et al.	all
X		6,624,138	9-23-03	Sung et al.	all
		US- 6,632,242	10-14-03	Igaki	all
·		US. patent application			
		3003 / 005 5 / 9 8	3-20-03	Langer et al.	all
		US- PATENT APT SINT	1-22-04	Lendlein et al.	all
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	FOREIGN PATENT DOCUMENTS					
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		NON PATENT LITERATURE DOCUMENTS
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	1.	RADAR DS, "High-density lipoproteins as an emerging therapoutic target for atherosclerosis", JAMA 2003; 290 (17): 2322-2324
•••••	2.	NISSEN SE et al., "Effect of Recombinant ApoA-I Milano on coronary atherosclerosis in patients with acute coronary symdroms", JAMA 2003; 290(17): 2292-2300
•••••	₹.	NAGHAVI M et al., "From vulnerable plaque to vulnerable patient -part I" Circulation 2003; 108: 1664-1672
•	4.	NAGHAVI M et al., "From vulnerable plaque to vulnerable patient - part II" Circulation 2003; 108:1772-1778
	5.	SUNG HW et al., "Feasibility study of a natural crosslinking reagent for biological tissue fixation" J Biomed Mater Res 1998; 42: 560-567
•••••••••••	6.	HUANG LL etal., "Biocompatibility study of a biological tissue fixed with a naturally occurring crosslinking reagent" J Biomed Mater Res 1998; 42: 568-576
••••••	7.	I am a club at al. "In the conduction of outstanding of a notovally
•••••••	8.	SUNG ITW et al., "A naturally occurring reagent for biological tissue fixation" in New Biomedical Materials edited L. Haris PI and Chapman
••••••	9.	D, pages 182-191 (1998), published by IOS Press SUNG HW et al., "Crosslinking characteristics and mechanical properties of a bovine Pericardium fixed with a naturally occurring crosslinking agent "J Biomed Matex Res 1999; 47: 116-126
	10	SUNG HW etal., " Mechanical properties of a porcine aortic valve fixed with a naturally occurring crosslinking agent" Biomaterials 1999; 20:1759-1772

Examiner	Date	
Signature	Considered	

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		NON PATENT LITERATURE DOCUMENTS
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	11	SUNG HW etal., "In vitro surface characterization of a biological patch fixed with a naturally occurring crosslinking agent" Biomaterials 2000; 21:1353-1362
	12	TSAI CC et al., "In vitro evaluation of the genotoxicity of a naturally occurring crosslinking agent (genipin) for biologic tissue fixation." J Biomed Mater Res 2000; 52: 58-65
	13	SUNG HW et al., Fixation of biological tissues with a naturally occurring crosslinking agent: Fixation rate and effects of PH, temperature, and initial fixative concentration. J Bomed Mater Res 2000; 52: 77-87
	14	sung Hw etal., "Butraction of a naturally occurring crosslinking agent (genipin) from Gardenia fruits and its applications in biological tissue fixation" in Biomaterials and Drug Delivery toward New Millenium,
		Han Rin Won Publishing Co.
	15.	TSAI CC et al., "Effects of heparin immobilization on the Surface characteristics of a biological tissue fixed with a naturally occurring crosslinking agent" Biomaterials 2001: 22:523-533
	16	crosslinking agent" Birmaterials 2001; 22:523-533 SUNG HW etal., "stability of a biological tissue fixed with a naturally occurring crosslinking agent (genipin)" J Biomed Mater Res 2001; 55:538-546
	17	CHANGY et al., "Reconstruction of the right Ventricular outflow tract with a bovine jugular vein graft fixed with a naturally occurring crosslinking agont (genipin) in a canine model." I Thorac
		Cardiovasc Surg 2001; 122: 1208-1218
	18	MI FL et al.," In vivo biocompatibility and degradability of a novel injectabe - chitosan - based implant " Biomaterials 2002; 23:181-191

			
Examiner		Date	4
Signature		Considered	

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	19	MI FL etal., "Drug release from Chitosan-alginate complex beads reinforced by a naturally occurring cross-linking agent" Carbohydrate Polymers 2002; 48:61-72	
	20	CHANG Y et al.," In vivo evaluation of cellular and acellular bovine pericardia fixed with a naturally occurring crosslinking agent (genipin)" Biomaterials 2002;23: 2447-2457	•••••
	2/	LIANG HC etal., Genipin-crosslinked gelatin microspheres as a drug carrier for intramuscular administration-in vitro and in vivo studies" J Biamed Motor Res 2003:65A: 271-282	
	22	Biocompatibles "PC technology overview" 2004	
	23	News Release "TCT: ABT-578 - eluting stent demonstrates robust rosults" washington DC, September 23, 2003	********
		News Release "First human implant heralds next generation of coronary stent system" Santa Rose, CA, January 7, 2003	
	25	News Release "Endeavor I: IVUS analysis of ABT-578-eluting stent trial confirms early safety" New Orleans, LA, Acc 2004	

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Examiner	Date	
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